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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/868,819	10/04/2001	Mikko Olkkonen	4925-30PUS	6311

7590 04/27/2005

Michael C Stuart  
Cohen Pontani Lieberman & Pavane  
Suite 1210  
551 Fifth Avenue  
New York, NY 10176

EXAMINER

JAROENCHONWANIT, BUNJOB

ART UNIT	PAPER NUMBER
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2143

DATE MAILED: 04/27/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

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**Office Action Summary**

**Application No.**

09/868,819

**Applicant(s)**

OLKKONEN ET AL.

**Examiner**

Bunjob Jaroenchonwanit

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

1) ☒ Responsive to communication(s) filed on 10/04/01

2a) ☐ This action is **FINAL**.

2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

4) ☒ Claim(s) 1-13 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.

6) ☒ Claim(s) 1-13 is/are rejected.

7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.

8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

9) ☐ The specification is objected to by the Examiner.

10) ☒ The drawing(s) filed on 04 October 2001 is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some \* c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.

2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.

3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 12/7/01

4) ☐ Interview Summary (PTO-413)

Paper No(s)/Mail Date. \_\_\_\_\_

5) ☐ Notice of Informal Patent Application (PTO-152)

6) ☐ Other: \_\_\_\_\_

### DATAILED ACTION

1. Application has been reviewed. Claims 1-13 are presented for examination.
2. The claims invention are analyzed and rejected in light of specification; the essence of the inventive concept is relate a notion of making determination for destination address of network devices from their base network addresses, e.g., IP or X.25 protocols, and trunks, circuits, interfaces, cards, channel, or slots numbers, by using specific encoding algorithms. However, claims' languages do not necessary require any algorithms, such as referred to in page 9 of the specification, as originally filed, rather they read on concepts of convention encapsulation or protocol-tunneling. Hence, claims 1-13 are rejected, which the rationale cited are as stated below.
3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

*(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.*
4. Claims 1-2 and 10-11 are rejected under 35 U.S.C. 102(e) as being anticipated by Volfson et al (US. 6,650,632).
5. Regarding claims 1-2 and 10-11, VOLFTSUN discloses telecommunications network transparency, which capable of communicates voice and speech compression over Internet network, the system comprises first and second circuit (fig. 2), channel identifier (fig 3). The system encoding channel identifier in the forth octet of it IP address for used as source and

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destination IP address, i.e., the destination address of a network layer protocol datagram is determined from circuit switched channel identifying parameters and the network layer protocol address of the second network node (Col. 12, Line 66-Col. 13, Line 22); specially, in claim 2 recited IP address (see Col. 13, Line 8).

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

A person shall be entitled to a patent unless –

(a) *A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.*

7. Claims 3-9 and 12-13 are rejected under 35 U.S.C. 103(a) as being unpatentable over VOLFTSUN et al (US. 6,650,632)

8. Regarding claims 3, Voltson discloses the invention substantially, as described in the rejection of claim 1 but it is silent on using X.25 protocol. Official Notice is taken that X.25 was well known standard protocol, which was designed to accommodate communication in PSN network. Thus, it would have been obvious to one of ordinary skill in the art at the time of the invention was made to substitute one network protocol by another, such as, substitute IP protocol with X.25 protocol to expand the utility of addressing scheme as suggested by Voltson. In doing so, the system would be designed in a way that capability and flexibility of the system would be enhance therefore the system would be flexible to handle multi protocol without having to redesign the system. Thus, cost of the designing would be low while the system's utility is expanded.

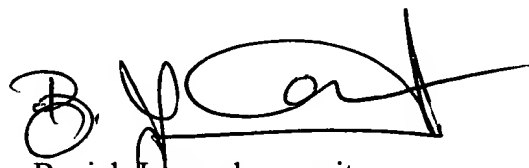
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9. Applicant is advised, if the claims were presented in a manner that closely reflects the teaching in page 9, it would advance prosecution, expeditiously.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bunjob Jaroenchonwanit whose telephone number is (703) 305-9673. The examiner can normally be reached on 8:00-17:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Wiley can be reached on (703) 308-5221. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free)?



Bunjob Jaroenchonwanit  
Primary Examiner  
Art Unit 2143

/bj  
9/18/04